

## Recombinant Human SOCS2 protein, His-tagged

**Cat. No.** SOCS2-3533H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SOCS2 protein(89-198 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 89-198 aa                                                                                                                                                                                                                                      |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>AA Sequence</b>      | SAGPTNLRIEYQDGKFRLLDSIICVKSKLKQFDSVVHLIDYYVQMCKDKRTGPEAPRN<br>GTVHLYLTKPLYTSAPSLQHLCRLTINKCTGAIWGLPLPTRLKDYLEEYKFQV                                                                                                                            |
| <b>Purity</b>           | 80%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                       |

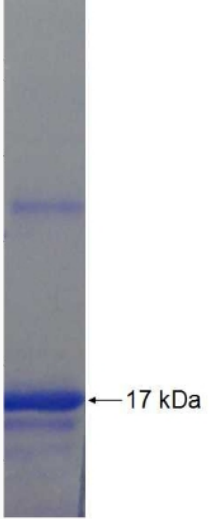
### GENE INFORMATION

|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | SOCS2 |
|------------------------|-------|

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|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>       | SOCS2; suppressor of cytokine signaling 2; CIS2; Cish2; SOCS 2; SSI 2; SSI2; STAT induced STAT inhibitor 2; STATI2; CIS-2; STAT induced STAT inhibitor-2; STAT-induced STAT inhibitor 2; STAT-induced STAT inhibitor-2; cytokine-inducible SH2 protein 2; suppressor of cytokine signaling-2; SSI-2; SOCS-2; |
| <b>Gene ID</b>        | 8835                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>    | NM_003877                                                                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b> | NP_003868                                                                                                                                                                                                                                                                                                    |
| <b>MIM</b>            | 605117                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID</b>     | O14508                                                                                                                                                                                                                                                                                                       |
| <b>SDS-PAGE</b>       |                                                                                                                                                                                                                          |